

10/572,349

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.30	2.51

=> file reg

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FULL ESTIMATED COST	2.30	2.51

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STRUCTURE FILE UPDATES: 5 NOV 2008 HIGHEST RN 1070955-84-8
DICTIONARY FILE UPDATES: 5 NOV 2008 HIGHEST RN 1070955-84-8

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=> s l1 sss full

FULL SEARCH INITIATED 14:09:02 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 17007 TO ITERATE

100.0% PROCESSED 17007 ITERATIONS
SEARCH TIME: 00.00.01

69 ANSWERS

L3 69 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
FULL ESTIMATED COST	ENTRY	SESSION
	178.36	180.87

FILE 'CAPLUS' ENTERED AT 14:09:11 ON 06 NOV 2008
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FILE COVERS 1907 - 6 Nov 2008 VOL 149 ISS 19
FILE LAST UPDATED: 5 Nov 2008 (20081105/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

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<http://www.cas.org/legal/infopolicy.html>

=> s l3

L4 29 L3

=> d l4 1-29 ibib hitstr

L4 ANSWER 1 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2008:325421 CAPLUS

DOCUMENT NUMBER: 148:332087

TITLE: Synthesis and Chiroptical Properties of
Poly(phenylacetylene)s Carrying Two Amino Acid
Moieties per Monomer Unit

AUTHOR(S): Hu, Yanming; Liu, Ruiyuan; Sanda, Fumio; Masuda,
Toshio

CORPORATE SOURCE: Department of Polymer Chemistry, Graduate School of
Engineering, Kyoto University, Katsura Campus, Kyoto,
615-8510, Japan

SOURCE: Polymer Bulletin (Heidelberg, Germany) (2008),
60(2-3), 159-167

CODEN: POBUDR; ISSN: 0170-0839

PUBLISHER: Springer

DOCUMENT TYPE: Journal

LANGUAGE: English

IT 1010832-49-1P 1010832-52-6P 1010832-53-7P

RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(preparation of amino acid-substituted poly(phenylacetylene)s)

RN 1010832-49-1 CAPLUS

CN L-Alanine, N,N'-[4-ethynyl-1,2-phenylene]dicarbonylbis-, 1,1'-dimethyl
ester, homopolymer (CA INDEX NAME)

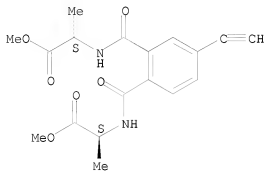
10/572,349

CM 1

CRN 1010832-35-5

CMF C18 H20 N2 O6

Absolute stereochemistry.



RN 1010832-52-6 CAPLUS

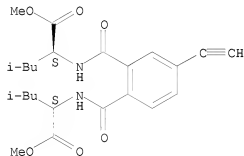
CN L-Leucine, N,N'-[(4-ethynyl-1,2-phenylene)dicarbonyl]bis-, 1,1'-dimethyl ester, homopolymer (CA INDEX NAME)

CM 1

CRN 1010832-40-2

CMF C24 H32 N2 O6

Absolute stereochemistry.



RN 1010832-53-7 CAPLUS

CN L-Phenylalanine, N,N'-[(4-ethynyl-1,2-phenylene)dicarbonyl]bis-, 1,1'-dimethyl ester, homopolymer (CA INDEX NAME)

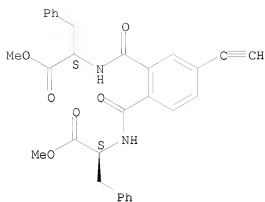
CM 1

CRN 1010832-46-8

CMF C30 H28 N2 O6

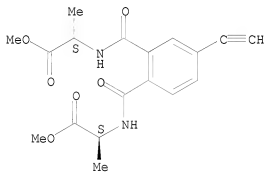
Absolute stereochemistry.

10/572,349



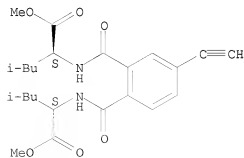
IT 1010832-35-5P 1010832-40-2P 1010832-46-8P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation of amino acid-substituted poly(phenylacetylene)s)
 RN 1010832-35-5 CAPLUS
 CN L-Alanine, N,N'-[(4-ethynyl-1,2-phenylene)dicarbonyl]bis-, 1,1'-dimethyl
 ester (CA INDEX NAME)

Absolute stereochemistry.



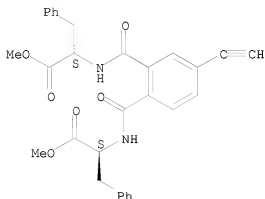
RN 1010832-40-2 CAPLUS
 CN L-Leucine, N,N'-[(4-ethynyl-1,2-phenylene)dicarbonyl]bis-, 1,1'-dimethyl
 ester (CA INDEX NAME)

Absolute stereochemistry.



RN 1010832-46-8 CAPLUS
 CN L-Phenylalanine, N,N'-[(4-ethynyl-1,2-phenylene)dicarbonyl]bis-,
 1,1'-dimethyl ester (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 29 CAPLUS COPYRIGHT 2008 ACS ON STN

ACCESSION NUMBER: 2008:89954 CAPLUS

DOCUMENT NUMBER: 148:175745

TITLE: HCV NS-3 serine protease inhibitors

INVENTOR(S): Ivanov, Vladimir; Nilsson, Karl Magnus; Rosenquist, Aasa Annica Kristina; Samuelsson, Bengt Bertil; Raboisson, Pierre Jean-Marie Bernard; De Kock, Herman; Vendeville, Sandrine Marie Helene; Simmen, Kenneth Alan

PATENT ASSIGNEE(S): Tibotec Pharmaceuticals Ltd., Ire.; Medivir AB

SOURCE: Eur. Pat. Appl., 86pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

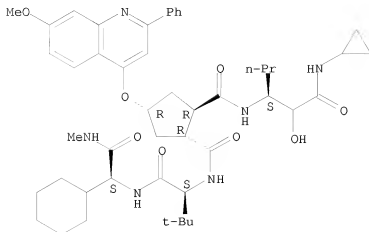
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1881001	A1	20080123	EP 2007-112898	20070720
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU				
PRIORITY APPLN. INFO.:			EP 2006-117589	A 20060720
OTHER SOURCE(S): MARPAT 148:175745				
IT 1001915-89-4P 1001915-92-9P				
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
(HCV NS-3 serine protease inhibitors)				
RN	1001915-89-4 CAPLUS			
CN	1,2-Cyclopentanedicarboxamide, N1-[(1S)-1-[[[(1S)-1-cyclohexyl-2-(methylamino)-2-oxoethyl]amino]carbonyl]-2,2-dimethylpropyl]-N2-[(1S)-1-[2-(cyclopropylamino)-1-hydroxy-2-oxoethyl]butyl]-4-[(7-methoxy-2-phenyl-4-quinolinyl)oxy]-, (1R,2R,4R)- (CA INDEX NAME)			

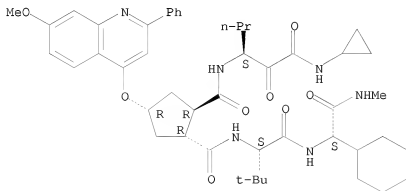
Absolute stereochemistry.



RN 1001915-92-9 CAPLUS

CN 1,2-Cyclopentanedicarboxamide, N1-[(1S)-1-[[[(1S)-1-cyclohexyl-2-(methylamino)-2-oxoethyl]amino]carbonyl]-2,2-dimethylpropyl]-N2-[(1S)-1-[2-(cyclopropylamino)-2-oxoacetyl]butyl]-4-[(7-methoxy-2-phenyl-4-quinolinyl)oxy]-, (1R,2R,4R)- (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2008:89951 CAPLUS

DOCUMENT NUMBER: 148:175744

TITLE: Hepatitis C virus NS-3 serine protease inhibitors

INVENTOR(S): Salvador Oden, Lourdes; Nilsson, Karl Magnus; Rosenquist, Aasa Annica Kristina; Samuelsson, Bengt Bertil; Raboisson, Pierre Jean-Marie Bernard; De Kock, Herman; Vendeville, Sandrine Marie Helene; Simmen, Kenneth Alan

PATENT ASSIGNEE(S): Tibotec Pharmaceuticals Ltd., Ire.; Medivir AB

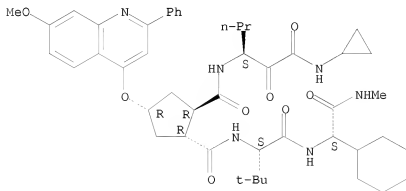
SOURCE: Eur. Pat. Appl., 87pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1881002	A1	20080123	EP 2007-112899	20070720
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU				
PRIORITY APPLN. INFO.:		EP 2006-117605		A 20060720
OTHER SOURCE(S):		MARPAT 148:175744		
IT 1001915-92-9P				
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)				
(hepatitis C virus NS-3 serine protease inhibitors)				
RN	1001915-92-9 CAPLUS			
CN	1,2-Cyclopentanedicarboxamide, N1-[(1S)-1-[[[(1S)-1-cyclohexyl-2-(methylamino)-2-oxoethyl]amino]carbonyl]-2,2-dimethylpropyl]-N2-[(1S)-1-[2-(cyclopropylamino)-2-oxoacetyl]butyl]-4-[(7-methoxy-2-phenyl-4-quinolinyl)oxy]-, (1R,2R,4R)- (CA INDEX NAME)			

Absolute stereochemistry.

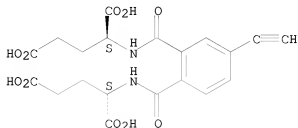


REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2007:1179311 CAPLUS
 DOCUMENT NUMBER: 148:34083
 TITLE: Synthesis and charge/discharge properties of polyacetylenes carrying 2,2,6,6-tetramethyl-1-piperidinoxy radicals
 AUTHOR(S): Qu, Jinqing; Katsumata, Toru; Satoh, Masaharu; Wada, Jun; Igarashi, Jun; Mizoguchi, Kenji; Masuda, Toshio
 CORPORATE SOURCE: Department of Polymer Chemistry Graduate School of Engineering, Kyoto University, Kyoto, 615-8510, Japan
 SOURCE: Chemistry--A European Journal (2007), 13(28), 7965-7973
 CODEN: CEUJED; ISSN: 0947-6539
 PUBLISHER: Wiley-VCH Verlag GmbH & Co. KGaA
 DOCUMENT TYPE: Journal

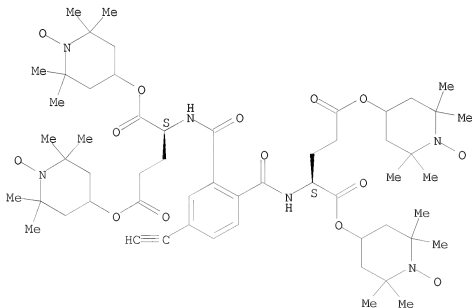
LANGUAGE: English
 OTHER SOURCE(S): CASREACT 148:34083
 IT 959688-13-2P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (intermediate; synthesis and charge/discharge properties of
 polyacetylenes carrying tetramethylpiperidinoxy radicals)
 RN 959688-13-2 CAPLUS
 CN L-Glutamic acid, N,N'-[(4-ethynyl-1,2-phenylene)dicarbonyl]bis- (CA INDEX
 NAME)

Absolute stereochemistry.



IT 959688-14-3P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (monomer; synthesis and charge/discharge properties of polyacetylenes
 carrying tetramethylpiperidinoxy radicals)
 RN 959688-14-3 CAPLUS
 CN 1-Piperidinyloxy, 4,4',4'',4'''-[(4-ethynyl-1,2-
 phenylene)bis[carbonylimino[(2S)-1,5-dioxo-2,1,5-
 pentanetriyl]oxy]]tetrakis[2,2,6,6-tetramethyl- (CA INDEX NAME)

Absolute stereochemistry.



IT 959688-19-8P

RL: PRP (Properties); SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(synthesis and charge/discharge properties of polyacetylenes carrying tetramethylpiperidinooxy radicals)

RN 959688-19-8 CAPLUS

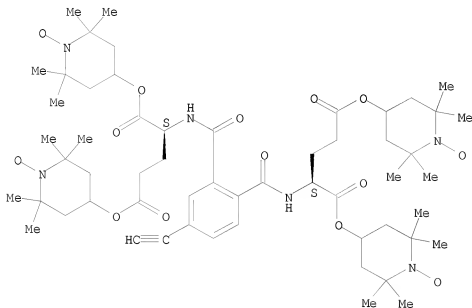
CN 1-Piperidinyloxy, 4,4'-[(4-ethynyl-1,2-phenylene)bis[carbonylimino[(4S)-4-
[[(2,2,6,6-tetramethyl-1-oxy-1-piperidinyl)oxy]carbonyl]-1-oxo-4,1-
butanedivl]oxy]]bis[2,2,6,6-tetramethyl-, homopolymer (CA INDEX NAME)

CM 1

CRN 959688-14-3

CMF C56 H84 N6 O14

Absolute stereochemistry.



REFERENCE COUNT: 63 THERE ARE 63 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2007:376885 CAPLUS

DOCUMENT NUMBER: 146:379613

TITLE: Preparation of
cyclobutanebis[bis(carboxymethyl)amides] as chelating
agents

INVENTOR(S): Ichikawa, Shuji

PATENT ASSIGNEE(S): Nof Corporation, Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 10pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

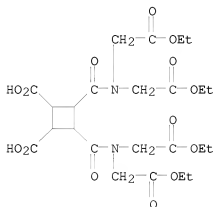
LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

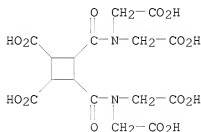
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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 JP 2007084516 A 20070405 JP 2005-278491 20050926
 PRIORITY APPLN. INFO.: JP 2005-278491 20050926
 OTHER SOURCE(S): CASREACT 146:379613; MARPAT 146:379613
 IT 932391-98-5P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation of cyclobutanebis[bis(carboxymethyl)amides] as chelating agents
 by amidation)
 RN 932391-98-5 CAPLUS
 CN 1,2-Cyclobutanedicarboxylic acid, 3,4-bis[[bis(2-ethoxy-2-
 oxoethyl)amino]carbonyl]- (CA INDEX NAME)



IT 932391-99-6P
 RL: RCT (Reactant); SPN (Synthetic preparation); TEM (Technical or
 engineered material use); PREP (Preparation); RACT (Reactant or reagent);
 USES (Uses)
 (preparation of cyclobutanebis[bis(carboxymethyl)amides] as chelating agents
 by amidation)
 RN 932391-99-6 CAPLUS
 CN 1,2-Cyclobutanedicarboxylic acid, 3,4-
 bis[[bis(carboxymethyl)amino]carbonyl]-, sodium salt (1:6) (CA INDEX
 NAME)



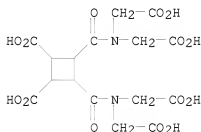
● 6 Na

IT 932392-00-2P

RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (preparation of cyclobutanebis[bis(carboxymethyl)amides] as chelating agents by amidation)

RN 932392-00-2 CAPLUS

CN 1,2-Cyclobutanedicarboxylic acid, 3,4-bis[bis(carboxymethyl)amino]carbonyl- (CA INDEX NAME)



L4 ANSWER 6 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2006:598859 CAPLUS

DOCUMENT NUMBER: 145:224312

TITLE: Potent inhibitors of the hepatitis C virus NS3 protease: Use of a novel P2 cyclopentane-derived template

AUTHOR(S): Johansson, Per-Ola; Baeck, Marcus; Kvarnstrom, Ingemar; Jansson, Katarina; Vrang, Lotta; Hamelink, Elizabeth; Hallberg, Anders; Rosenquist, Aasa; Samuelsson, Bertil

CORPORATE SOURCE: Department of Chemistry, Linköping University, Linköping, S-581 83, Swed.

SOURCE: Bioorganic & Medicinal Chemistry (2006), 14(15), 5136-5151

CODEN: BMECEP; ISSN: 0968-0896

PUBLISHER: Elsevier B.V.

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 145:224312

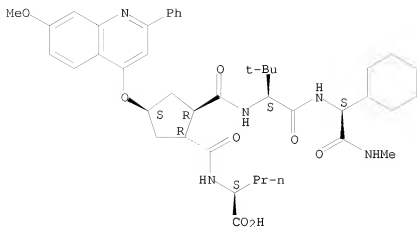
IT 862174-70-7P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
 (potent inhibitors of hepatitis C virus NS3 protease with cyclopentane-derived template)

RN 862174-70-7 CAPLUS

CN Glycinamide, N-[[[(1R,2R,4S)-2-[[[(1S)-1-carboxybutyl]amino]carbonyl]-4-[(7-methoxy-2-phenyl-4-quinolinyloxy]cyclopentyl]carbonyl]-3-methyl-L-valyl-2-cyclohexyl-N-methyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 862174-77-4P 862174-78-5P 862174-79-6P
905736-27-8P 905736-28-9P 905736-29-0P
905736-30-3P 905736-34-7P

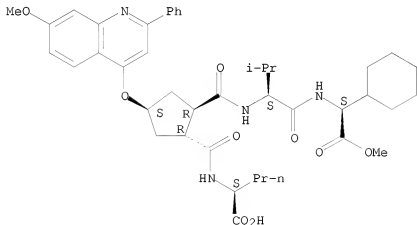
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(potent inhibitors of hepatitis C virus NS3 protease with cyclopentane-derived template)

RN 862174-77-4 CAPLUS

CN Glycine, N-[[[(1R,2R,4S)-2-[[[(1S)-1-carboxybutyl]amino]carbonyl]-4-[(7-methoxy-2-phenyl-4-quinolinyl)oxy]cyclopentyl]carbonyl]-L-valyl-2-cyclohexyl-, 2-methyl ester, (2S)- (9CI) (CA INDEX NAME)

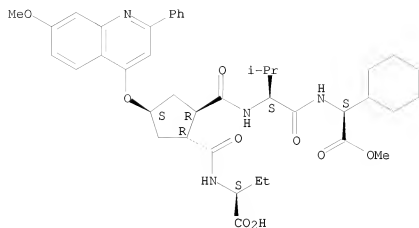
Absolute stereochemistry.



RN 862174-78-5 CAPLUS

CN Cyclohexanecarboxylic acid, α-[[[(2S)-2-[[[(1R,2R,4S)-2-[[[(1S)-1-carboxypropyl]amino]carbonyl]-4-[(7-methoxy-2-phenyl-4-quinolinyl)oxy]cyclopentyl]carbonyl]amino]-3-methyl-1-oxobutyl]amino]-, 1-methyl ester, (αS)- (CA INDEX NAME)

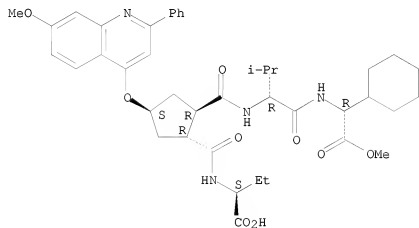
Absolute stereochemistry.



RN 862174-79-6 CAPLUS

CN Cyclohexaneacetic acid, α -[[[(2R)-2-[[[(1R,2R,4S)-2-[[[(1S)-1-carboxypropyl]amino]carbonyl]-4-[(7-methoxy-2-phenyl-4-quinolinyl)oxy]cyclopentyl]carbonyl]amino]-3-methyl-1-oxobutyl]amino]-, 1-methyl ester, (α R)- (CA INDEX NAME)

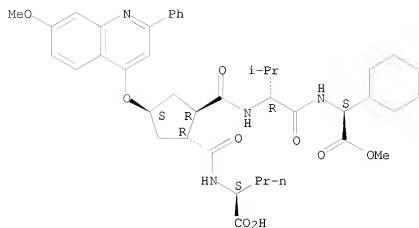
Absolute stereochemistry.



RN 905736-27-8 CAPLUS

CN Glycine, N-[[[(1R,2R,4S)-2-[[[(1S)-1-carboxybutyl]amino]carbonyl]-4-[(7-methoxy-2-phenyl-4-quinolinyl)oxy]cyclopentyl]carbonyl]-D-valyl-2-cyclohexyl-, 2-methyl ester, (2S)- (9CI) (CA INDEX NAME)

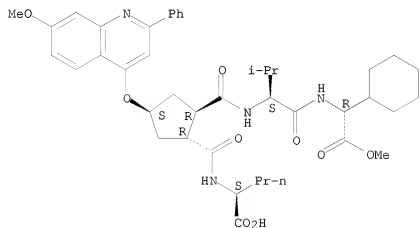
Absolute stereochemistry.



RN 905736-28-9 CAPLUS

CN Glycine, N-[[[(1R,2R,4S)-2-[[[(1S)-1-carboxybutyl]amino]carbonyl]-4-[(7-methoxy-2-phenyl-4-quinolinyl)oxy]cyclopentyl]carbonyl]-L-valyl-2-cyclohexyl-, 2-methyl ester, (2R)- (9CI) (CA INDEX NAME)

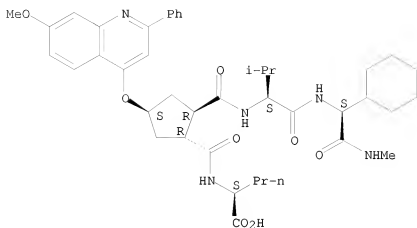
Absolute stereochemistry.



RN 905736-29-0 CAPLUS

CN Glycinamide, N-[[[(1R,2R,4S)-2-[[[(1S)-1-carboxybutyl]amino]carbonyl]-4-[(7-methoxy-2-phenyl-4-quinolinyl)oxy]cyclopentyl]carbonyl]-L-valyl-2-cyclohexyl-N-methyl-, (2S)- (9CI) (CA INDEX NAME)

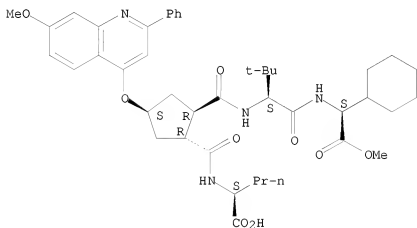
Absolute stereochemistry.



RN 905736-30-3 CAPLUS

CN Glycine, N-[[[(1R,2R,4S)-2-[[[(1S)-1-carboxybutyl]amino]carbonyl]-4-[(7-methoxy-2-phenyl-4-quinolinyl)oxy]cyclopentyl]carbonyl]-3-methyl-L-valyl-2-cyclohexyl-, 2-methyl ester, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 905736-34-7 CAPLUS

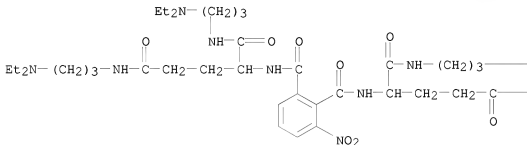
CN Butanoic acid, 2-[[[(1R,2R,4S)-2-[[[(1S)-1-[[[(1S)-1-cyclohexyl-2-(methylamino)-2-oxoethyl]amino]carbonyl]-2,2-dimethylpropyl]amino]carbonyl]-4-[(7-methoxy-2-phenyl-4-quinolinyl)oxy]cyclopentyl]carbonyl]amino]-4,4-difluoro-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.

PATENT ASSIGNEE(S): Taisho Pharmaceutical Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 36 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	JP 2006008533	A	20060112	JP 2004-184095	20040622
PRIORITY APPLN. INFO.:					
OTHER SOURCE(S):	MARPAT 144:88556				
IT	872461-36-4P 872461-37-5P 872461-39-7P			JP 2004-184095	20040622
	872461-40-0P				
	RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)				
	(preparation of tetramines as antitumor agents)				
RN	872461-36-4	CAPLUS			
CN	1,2-Benzenedicarboxamide, N,N'-bis[4-[[3-(diethylamino)propyl]amino]-1-[[[3-(diethylamino)propyl]amino]carbonyl]-4-oxobutyl]-3-nitro- (9CI) (CA INDEX NAME)				

PAGE 1-A



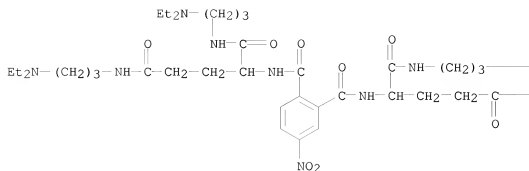
PAGE 1-B

—NEt₂—NH—(CH₂)₃—NEt₂

RN 872461-37-5 CAPLUS

CN 1,2-Benzenedicarboxamide, N,N'-bis[4-[[3-(diethylamino)propyl]amino]-1-[[[3-(diethylamino)propyl]amino]carbonyl]-4-oxobutyl]-4-nitro- (9CI) (CA INDEX NAME)

PAGE 1-A



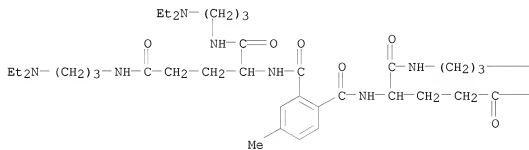
PAGE 1-B

—NEt₂—NH-(CH₂)₃-NEt₂

RN 872461-39-7 CAPLUS

CN 1,2-Benzenedicarboxamide, N,N'-bis[4-[[3-(diethylamino)propyl]amino]-1-[[[3-(diethylamino)propyl]amino]carbonyl]-4-oxobutyl]-4-methyl- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B

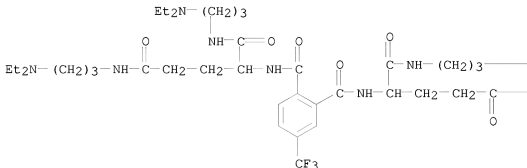
—NEt₂—NH-(CH₂)₃-NEt₂

RN 872461-40-0 CAPLUS

CN 1,2-Benzenedicarboxamide, N,N'-bis[4-[[3-(diethylamino)propyl]amino]-1-

[[[3-(diethylamino)propyl]amino]carbonyl]-4-oxobutyl]-4-(trifluoromethyl)-
(9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B

— Net 2

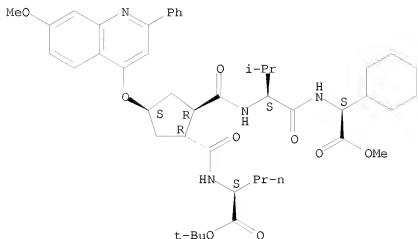
$$\text{---NH---(CH}_2\text{)}_3\text{---NEt}_2$$

L4 ANSWER 8 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:729637 CAPLUS
DOCUMENT NUMBER: 143:212180
TITLE: Preparation of peptidomimetic compounds as HCV NS3
serine protease inhibitors
INVENTOR(S): Rosenquist, Asa; Thorstensson, Fredrik; Johansson,
Per-Ola; Kvarnstroem, Ingemar; Samuelsson, Bertil;
Wallberg, Hans
PATENT ASSIGNEE(S): Medivir Ab, Swed.
SOURCE: PCT Int. Appl., 165 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005073195	A2	20050811	WO 2005-SE97	20050128
WO 2005073195	A3	20050929		
W:	AE, AG, AL, AM, AN, AP, AR, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DS, EC, EE, EG, ES, FI, FG, GD, GE, GH, GR, HR, HU, ID, IL, IN, IZ, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, TJ, TM, TN, TR, TT, TZ, UA, UG, US, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, BH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EA, GB, GR, HK, IE, IG, IL, IN, JP, KE, KR, KZ, LC, LK, LR, LU, LY, MA, MD, ME, MG, MK, MN, MU, MV, MW, MY, MZ, NA, NG, NI, NO, NZ, OM, OS, PA, PE, PG, PH, PK, PL, PT, QA, RO, RU, RW, SC, SD, SE, SG, SH, SI, SJ, SK, SL, SM, SN, SR, ST, SV, SW, SY, TD, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VE, VN, YU, ZA, ZM, ZW			

(2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 862174-70-7P 862174-77-4P 862174-78-5P

862174-79-6P

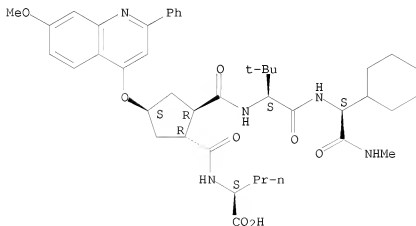
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of peptidomimetic comps. as HCV NS3 serine protease inhibitors)

RN 862174-70-7 CAPLUS

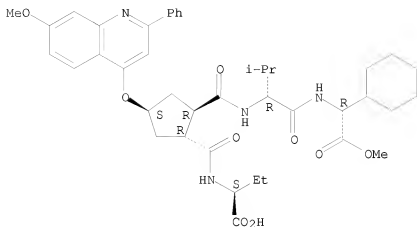
CN Glycinamide, N-[[[(1R,2R,4S)-2-[[[(1S)-1-carboxybutylamino]carbonyl]-4-[(7-methoxy-2-phenyl-4-quinolinyl)oxy]cyclopentyl]carbonyl]-3-methyl-L-valyl-2-cyclohexyl-N-methyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

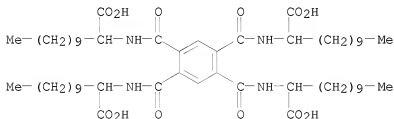


RN 862174-77-4 CAPLUS

CN Glycine, N-[[[(1R,2R,4S)-2-[[[(1S)-1-carboxybutylamino]carbonyl]-4-[(7-methoxy-2-phenyl-4-quinolinyl)oxy]cyclopentyl]carbonyl]-L-valyl-2-cyclohexyl-, 2-methyl ester, (2S)- (9CI) (CA INDEX NAME)



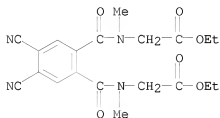
L4 ANSWER 9 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2005:491688 CAPLUS
 DOCUMENT NUMBER: 144:240499
 TITLE: Novel amphiphiles with preorganized functionalities - formation of Langmuir-films and efficiency in mineral flotation
 AUTHOR(S): Mueller, P. U.; Akpo, C. C.; Stoeckelhuber, K. W.; Weber, E.
 CORPORATE SOURCE: Institute of Organic Chemistry, Freiberg University of Mining and Technology, Freiberg/Saxony, Germany
 SOURCE: Advances in Colloid and Interface Science (2005), 114-115, 291-302
 CODEN: ACISB9; ISSN: 0001-8686
 PUBLISHER: Elsevier B.V.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 876316-70-0
 RL: NUU (Other use, unclassified); PRP (Properties); USES (Uses) (formation of Langmuir-films of amphiphiles with preorganized functionalities and their efficiency in mineral flotation)
 RN 876316-70-0 CAPLUS
 CN Dodecanoic acid, 2,2',2'',2'''-[1,2,4,5-benzenetetrayltetrakis(carbonylimino)]tetrakis- (9CI) (CA INDEX NAME)



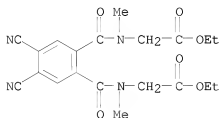
REFERENCE COUNT: 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 10 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2004:460066 CAPLUS

DOCUMENT NUMBER: 141:431287
 TITLE: Phthalocyanines and Related Compounds: XXXVII.
 Synthesis of Covalent Conjugates of
 Carboxy-substituted Phthalocyanines with α -Amino
 Acids
 AUTHOR(S): Mikhaleiko, S. A.; Solov'eva, L. I.; Luk'yanets, E. A.
 CORPORATE SOURCE: Research Institute of Organic Intermediate Products
 and Dyes, Moscow, Russia
 SOURCE: Russian Journal of General Chemistry (Translation of
 Zhurnal Obshchei Khimii) (2004), 74(3), 451-459
 CODEN: RJGCEK; ISSN: 1070-3632
 PUBLISHER: MAIK Nauka/Interperiodica Publishing
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 141:431287
 IT 794516-76-ODP, hydrolyzed
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 794516-76-0 CAPLUS
 CN Glycine, N,N'-[(4,5-dicyano-1,2-phenylene)dicarbonyl]bis[N-methyl-,
 diethyl ester (9CI) (CA INDEX NAME)



IT 794516-76-OP
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (reactant and reactant for preparation of aluminum/transition metal carboxy
 substituted phthalocyanine complexes)
 RN 794516-76-0 CAPLUS
 CN Glycine, N,N'-[(4,5-dicyano-1,2-phenylene)dicarbonyl]bis[N-methyl-,
 diethyl ester (9CI) (CA INDEX NAME)



REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 11 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2002:594806 CAPLUS
 DOCUMENT NUMBER: 137:154762

TITLE: Preparation of
N-[2-(cycloalkylamino)-2-oxoethyl]benzamides and
related compounds as modulators of chemokine receptor
activity

INVENTOR(S): Cherney, Robert

PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA

SOURCE: PCT Int. Appl., 286 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002060859	A2	20020808	WO 2001-US50252	20011220
WO 2002060859	A3	20030327		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2432369	A1	20020808	CA 2001-2432369	20011220
AU 2002248244	A1	20020812	AU 2002-248244	20011220
US 20030004151	A1	20030102	US 2001-27644	20011220
US 6706712	B2	20040316		
EP 1343751	A2	20030917	EP 2001-997125	20011220
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
HU 2003003652	A2	20040301	HU 2003-3652	20011220
JP 2004523534	T	20040805	JP 2002-561010	20011220
US 20040110736	A1	20040610	US 2003-706448	20031112
US 7045521	B2	20060516		
US 20060135502	A1	20060622	US 2005-315385	20051222
PRIORITY APPLN. INFO.:			US 2000-256904P	P 20001220
			US 2001-27644	A3 20011220
			WO 2001-US50252	W 20011220
			US 2003-706448	A3 20031112

OTHER SOURCE(S): MARPAT 137:154762

IT 445480-95-5P

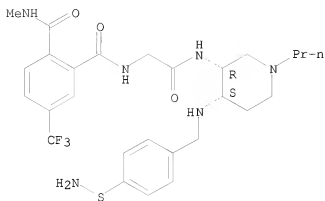
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(chemokine receptor modulator; preparation of
[(cycloalkylamino)oxoethyl]benzamides and related compds. as modulators
of chemokine receptor activity)

RN 445480-95-5 CAPLUS

CN 1,2-Benzenedicarboxamide, N2-[2-[[[(3R,4S)-4-[[[4-(aminothio)phenyl]methyl]amino]-1-propyl-3-piperidinyl]amino]-2-oxoethyl]-N1-methyl-4-(trifluoromethyl)-, rel- (CA INDEX NAME)

Relative stereochemistry.



L4 ANSWER 12 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2001:928168 CAPLUS

DOCUMENT NUMBER: 136:262900

TITLE: Stacking of a benzenehexacarboxylic acid core in the crystal structure of benzenehexacarboxylic acid α -aminomethyl isobutyrate amide (MA-Aib6)-sodium nitrate complex

AUTHOR(S): Ranganathan, Subramania; Muraleedharan, K. M.; Chandrashekhara Rao, C. H.; Vairamani, M.; Karle, Isabella L.; Gilardi, Richard D.

CORPORATE SOURCE: Discovery Laboratory, Indian Institute of Chemical Technology, Hyderabad, 500 007, India

SOURCE: Chemical Communications (Cambridge, United Kingdom) (2001), (24), 2544-2545

CODEN: CHCOFS; ISSN: 1359-7345

PUBLISHER: Royal Society of Chemistry

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 136:262900

IT 405137-33-9P

RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(Stacking of a benzenehexacarboxylic acid core in the crystal structure of benzenehexacarboxylic acid α -aminomethyl isobutyrate amide (MA-Aib6)-sodium nitrate complex)

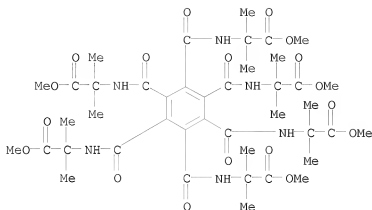
RN 405137-33-9 CAPLUS

CN Alanine, N,N',N'',N''',N''',N''''-(1,2,3,4,5,6-benzenehexaylhexacarbonyl)hexakis[2-methyl-, hexamethyl ester, compd. with sodium nitrate (1:1), dihydrate (9CI) (CA INDEX NAME)

CM 1

CRN 405137-31-7

CMF C42 H60 N6 O18



CM 2

CRN 7631-99-4

CMF H N O3 . Na



● Na

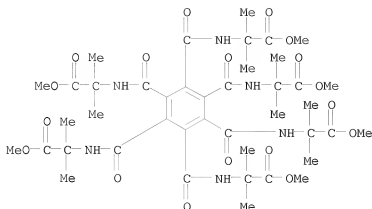
IT 405137-31-7P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(complexation with alkali metal nitrates; Stacking of a benzenehexacarboxylic acid core in the crystal structure of benzenehexacarboxylic acid α -aminomethyl isobutyrate amide (MA-Aib6)-sodium nitrate complex)

RN 405137-31-7 CAPLUS

CN Alanine, N,N',N'',N''',N'''',N''''',N''''''-(1,2,3,4,5,6-benzenehexaylhexacarbonyl)hexakis[2-methyl-, hexamethyl ester (9CI) (CA INDEX NAME)

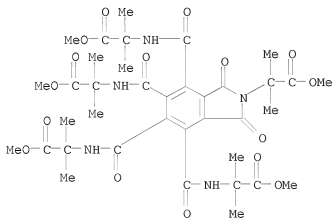


IT 405137-32-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(in situ amidation; Stacking of a benzenehexacarboxylic acid core in the crystal structure of benzenehexacarboxylic acid α -aminomethyl isobutyrate amide (MA-Aib6)-sodium nitrate complex)

RN 405137-32-8 CAPLUS

CN 2H-Isoindole-2-acetic acid, 1,3-dihydro-4,5,6,7-tetrakis[(2-methoxy-1,1-dimethyl-2-oxoethyl)amino]carbonyl]- α,α -dimethyl-1,3-dioxo-, methyl ester (CA INDEX NAME)

REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 13 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2001:572493 CAPLUS

DOCUMENT NUMBER: 136:54004

TITLE: Synthesis of novel all-cis-functionalized cyclopropane template-assembled collagen models

AUTHOR(S): Yamazaki, Shoko; Sakamoto, Mari; Suzuri, Michiko; Doi, Masamitsu; Nakazawa, Takashi; Kobayashi, Yuji

CORPORATE SOURCE: Department of Chemistry, Nara University of Education, Takabatake-cho, Nara, 630-8528, Japan

SOURCE: Journal of the Chemical Society, Perkin Transactions 1

(2001), (16), 1870-1875
 CODEN: JCSPCE; ISSN: 1472-7781
 Royal Society of Chemistry

PUBLISHER:
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 136:54004

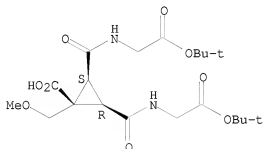
IT 382599-91-9P

RL: PNU (Preparation, unclassified); PREP (Preparation)
 (synthesis of novel all-cis-functionalized cyclopropane
 template-assembled collagen models)

RN 382599-91-9 CAPLUS

CN Cyclopropanecarboxylic acid, 2,3-bis[[[2-(1,1-dimethylethoxy)-2-oxoethylamino]carbonyl]-1-(methoxymethyl)-, (1a,2a,3a)-(9CI) (CA INDEX NAME)

Relative stereochemistry.



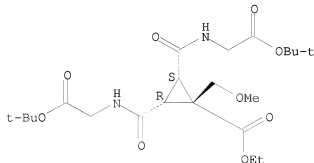
IT 382599-90-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (synthesis of novel all-cis-functionalized cyclopropane
 template-assembled collagen models)

RN 382599-90-8 CAPLUS

CN Cyclopropanecarboxylic acid, 2,3-bis[[[2-(1,1-dimethylethoxy)-2-oxoethylamino]carbonyl]-1-(methoxymethyl)-, ethyl ester, (1a,2a,3a)-(9CI) (CA INDEX NAME)

Relative stereochemistry.



REFERENCE COUNT: 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

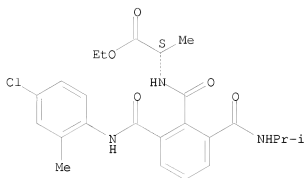
L4 ANSWER 14 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2001:228847 CAPLUS
 DOCUMENT NUMBER: 134:252360
 TITLE: Preparation and effect of aromatic diamide derivatives
 or salts as agricultural/horticultural insecticides
 INVENTOR(S): Tohnishi, Masanori; Nakao, Hayami; Kohno, Eiji;
 Nishida, Tateki; Furuya, Takashi; Shimizu, Toshiaki;
 Seo, Akira; Sakata, Kazuyuki; Fujioka, Shinsuke;
 Kanno, Hideo
 PATENT ASSIGNEE(S): Nihon Nohyaku Co., Ltd., Japan
 SOURCE: PCT Int. Appl., 86 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001021576	A1	20010329	WO 2000-JP6514	20000922
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1215200	A1	20020619	EP 2000-961197	20000922
EP 1215200	B1	20050316		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
TR 200200773	T2	20020621	TR 2002-773	20000922
BR 2000014139	A	20020820	BR 2000-14139	20000922
HU 2002003075	A2	20030128	HU 2002-3075	20000922
HU 2002003075	A3	20030228		
AU 768851	B2	20040108	AU 2000-73204	20000922
AT 291008	T	20050415	AT 2000-961197	20000922
ES 2239035	T3	20050916	ES 2000-961197	20000922
CN 100358863	C	20080102	CN 2000-813182	20000922
JP 2001158764	A	20010612	JP 2000-290844	20000925
ZA 2002001907	A	20030307	ZA 2002-1907	20020307
US 6864289	B1	20050308	US 2002-88543	20020319
PRIORITY APPLN. INFO.:			JP 1999-270582	A 19990924
			WO 2000-JP6514	W 20000922

OTHER SOURCE(S): MARPAT 134:252360

IT 331682-27-0P
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation and effect of aromatic diamide derivs. or salts as agricultural horticultural insecticides)
 RN 331682-27-0 CAPLUS
 CN L-Alanine, N-[2-[[[(4-chloro-2-methylphenyl)amino]carbonyl]-6-[[[(1-methylethyl)amino]carbonyl]benzoyl]-, ethyl ester (CA INDEX NAME)

Absolute stereochemistry.

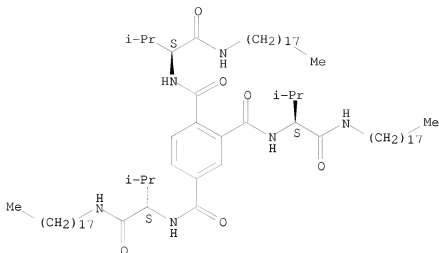


REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 15 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2000:152653 CAPLUS
 DOCUMENT NUMBER: 132:194655
 TITLE: Preparation of benzenecarboxamides and their use as gelation or solidifying agents for organic solvents and waste oils
 INVENTOR(S): Shirai, Hiroyoshi; Hanabusa, Kenji; Ito, Atsushi; Kimura, Atsushi
 PATENT ASSIGNEE(S): Nisshin Oil Mills Ltd., Japan; Nisshin Oil Group, Ltd.
 SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000072736	A	20000307	JP 1998-246965	19980901
JP 3641143	B2	20050420		
PRIORITY APPLN. INFO.:			JP 1998-246965	19980901
OTHER SOURCE(S):	MARPAT	132:194655		
IT 260247-74-3				
RL: MOA (Modifier or additive use); PRP (Properties); USES (Uses) (preparation of benzenecarboxamides as gelation or solidifying agents for organic solvents and waste oils)				
RN 260247-74-3	CAPLUS			
CN 1,2,4-Benzenetricarboxamide, N,N',N''-tris[(1S)-2-methyl-1- [(octadecylamino)carbonyl]propyl]- (9CI) (CA INDEX NAME)				

Absolute stereochemistry.



L4 ANSWER 16 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2000:32475 CAPLUS

DOCUMENT NUMBER: 132:85968

TITLE: Heat-development photographic material containing
phthalic acid derivative and phthalazine compound
Oya, Toyonao; Toda, Satoru
Fuji Photo Film Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 56 pp.

CODEN: JKXXAF

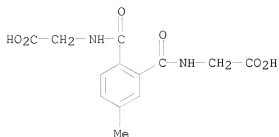
DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000010234	A	20000114	JP 1998-186937	19980617
PRIORITY APPLN. INFO.:			JP 1998-186937	19980617
OTHER SOURCE(S):	MARPAT 132:85968			
IT 254112-17-9				
RL: MOA (Modifier or additive use); TEM (Technical or engineered material use); USES (Uses)				
(heat-developable photog. material containing organic silver salt, reducing agent, phthalic acid derivative, and phthalazine compound)				
RN 254112-17-9 CAPLUS				
CN Glycine, N,N'-[(4-methyl-1,2-phenylene)dicarbonyl]bis- (9CI)				(CA INDEX NAME)



L4 ANSWER 17 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1998:502539 CAPLUS

DOCUMENT NUMBER: 129:135923

ORIGINAL REFERENCE NO.: 129:27793a,27796a

TITLE: Cyclobutane derivatives as inhibitors of squalene synthetase and protein farnesyltransferase

INVENTOR(S): Baker, William R.; Rosenberg, Saul H.; Fung, Anthony K. L.; Rockway, Todd W.; Fakhoury, Stephen A.; Garvey, David S.; Donner, B. Gregory; O'Connor, Stephen J.; Prasad, Rajnandan N.; Shen, Wang; Stout, David M.; Sullivan, Gerard M.

PATENT ASSIGNEE(S): Abbott Laboratories, USA

SOURCE: U.S., 103 pp., Cont.-in-part of U.S. Ser. No. 429,095, abandoned.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5783593	A	19980721	US 1996-633262	19960429
WO 9634851	A1	19961107	WO 1996-US6193	19960502
W: AU, CA, JP, KR, MX				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9656731	A	19961121	AU 1996-56731	19960502
PRIORITY APPLN. INFO.:			US 1993-147708	B2 19931104
			US 1994-289711	B2 19940909
			US 1994-322783	B2 19941018
			US 1995-429095	B2 19950503
			US 1996-633262	A 19960429
			WO 1996-US6193	W 19960502

OTHER SOURCE(S): MARPAT 129:135923

IT 169942-20-5P 169942-63-6P 169942-65-8P

169942-67-0P 169942-68-1P 169942-69-2P

169944-08-5P 169944-09-6P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

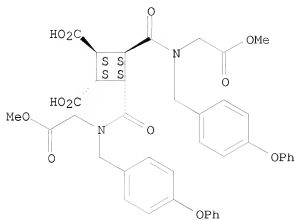
(preparation of cyclobutane derivs. as inhibitors of squalene synthetase and protein farnesyltransferase)

RN 169942-20-5 CAPLUS

CN 1,2-Cyclobutanedicarboxylic acid, 3,4-bis[[2-methoxy-2-oxoethyl][(4-phenoxyphenyl)methyl]amino]carbonyl]-, (1R,2R,3R,4R)-rel- (CA INDEX NAME)

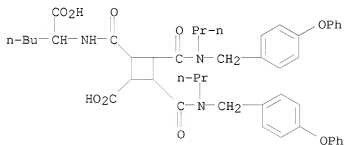
10/572,349

Relative stereochemistry.



RN 169942-63-6 CAPLUS

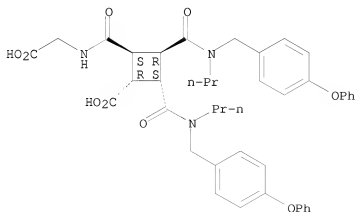
CN Cyclobutanecarboxylic acid, 2-[[[(1-carboxypentyl)amino]carbonyl]-3,4-bis[[[(4-phenoxyphenyl)methyl]propylamino]carbonyl]- (CA INDEX NAME)



RN 169942-65-8 CAPLUS

CN Cyclobutanecarboxylic acid, 2-[[[(carboxymethyl)amino]carbonyl]-3,4-bis[[[(4-phenoxyphenyl)methyl]propylamino]carbonyl]-, (1R,2S,3R,4S)-rel- (CA INDEX NAME)

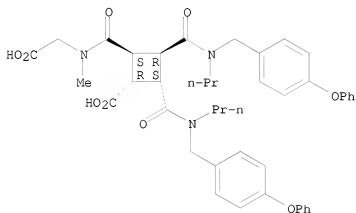
Relative stereochemistry.



RN 169942-67-0 CAPLUS

CN Cyclobutanecarboxylic acid, 2-[[[(carboxymethyl)methylamino]carbonyl]-3,4-bis[[[(4-phenoxyphenyl)methyl]propylamino]carbonyl]-, (1R,2S,3R,4S)-rel- (CA INDEX NAME)

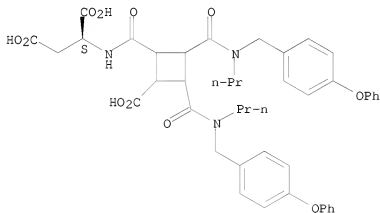
Relative stereochemistry.



RN 169942-68-1 CAPLUS

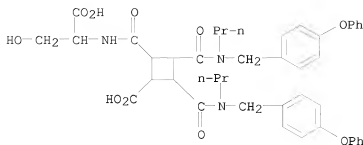
CN L-Aspartic acid, N-[[[2-carboxy-3,4-bis[[[(4-phenoxyphenyl)methyl]propylamino]carbonyl]cyclobutyl]carbonyl]- (CA INDEX NAME)

Absolute stereochemistry.



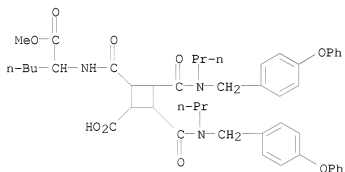
RN 169942-69-2 CAPLUS

CN Cyclobutanecarboxylic acid, 2-[[[(1-carboxy-2-hydroxyethyl)amino]carbonyl]-3,4-bis[[[(4-phenoxyphenyl)methyl]propylamino]carbonyl]- (CA INDEX NAME)



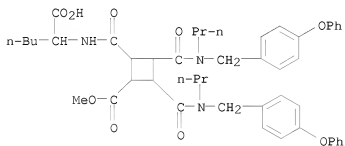
RN 169944-08-5 CAPLUS

CN Cyclobutanecarboxylic acid, 2-[[[1-(methoxycarbonyl)pentyl]amino]carbonyl]-3,4-bis[[[(4-phenoxyphenyl)methyl]propylamino]carbonyl]- (CA INDEX NAME)



RN 169944-09-6 CAPLUS

CN Cyclobutanecarboxylic acid, 2-[[[1-(methoxycarbonyl)pentyl]amino]carbonyl]-3,4-bis[[[(4-phenoxyphenyl)methyl]propylamino]carbonyl]-, 1-methyl ester (CA INDEX NAME)



REFERENCE COUNT:

32

THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 18 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1998:499514 CAPLUS

DOCUMENT NUMBER: 129:276280

ORIGINAL REFERENCE NO.: 129:56341a, 56344a

TITLE: Demonstration of
endo-cis-(2S,3R)-Bicyclo[2.2.1]hept-5-en-2,3-
dicarbonyl Unit as a Reverse-Turn Scaffold and

Nucleator of Two-Stranded Parallel β -Sheets:
Design, Synthesis, Crystal Structure, and
Self-Assembling Properties of Norborneno Peptide
Analogues

AUTHOR(S): Ranganathan, Darshan; Haridas, V.; Kurur, Sunita;
Thomas, Achamma; Madhusudanan, K. P.; Nagaraj, R.;
Kunwar, A. C.; Sarma, A. V. S.; Karle, Isabella L.
CORPORATE SOURCE: Biomolecular Research Unit, Regional Research
Laboratory (CSIR), Trivandrum, 695019, India
SOURCE: Journal of the American Chemical Society (1998),
120(33), 8448-8460
CODEN: JACSAT; ISSN: 0002-7863
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English

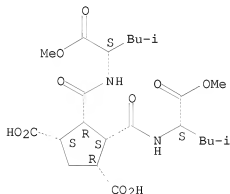
IT 213745-45-0P

RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(use of norbornenedicarbonyl unit as reverse turn scaffold and
nucleator of two-stranded parallel sheet peptides)

RN 213745-45-0 CAPLUS

CN 1,3-Cyclopentanedicarboxylic acid,
4,5-bis[[(1S)-1-(methoxycarbonyl)-3-methylbutylamino]carbonyl]-,
(1R,3S,4R,5S)- (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 74 THERE ARE 74 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 19 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1997:48721 CAPLUS

DOCUMENT NUMBER: 126:59736

ORIGINAL REFERENCE NO.: 126:11729a,11732a

TITLE: Preparation of
(4-phenoxybenzyl)aminocarbonyl-substituted cyclobutane
derivatives as inhibitors of protein
farnesyltransferase

INVENTOR(S): Arendsen, David L.; Rosenberg, Saul H.; Rockway, Todd
W.; Stein, Herman H.; Fung, Anthony K. L.

PATENT ASSIGNEE(S): Abbott Laboratories, USA

SOURCE: PCT Int. Appl., 309 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9634850	A1	19961107	WO 1996-US6156	19960502
W: AU, CA, JP, KR, MX				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9657227	A	19961121	AU 1996-57227	19960502
PRIORITY APPLN. INFO.:			US 1995-433718	A 19950503
			US 1995-564836	A 19951129
			US 1996-633205	A 19960426
			WO 1996-US6156	W 19960502

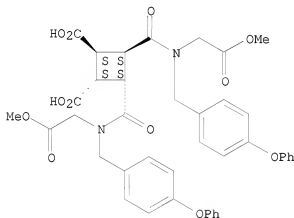
OTHER SOURCE(S): MARPAT 126:59736
 IT 169942-20-5P 169942-65-8P 169942-67-0P
 185209-33-0P 185209-34-1P 185253-92-3P
 185254-05-1P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of N-(4-phenoxybenzyl)aminocarbonyl-substituted cyclobutane derivs. as inhibitors of protein farnesyltransferase)

RN 169942-20-5 CAPLUS

CN 1,2-Cyclobutanedicarboxylic acid, 3,4-bis[[[2-methoxy-2-oxoethyl][(4-phenoxyphenyl)methyl]amino]carbonyl]-, (1R,2R,3R,4R)-rel- (CA INDEX NAME)

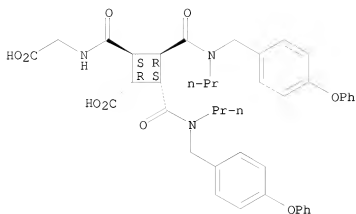
Relative stereochemistry.



RN 169942-65-8 CAPLUS

CN Cyclobutanecarboxylic acid, 2-[[[carboxymethyl]amino]carbonyl]-3,4-bis[[[(4-phenoxyphenyl)methyl]propylamino]carbonyl]-, (1R,2S,3R,4S)-rel- (CA INDEX NAME)

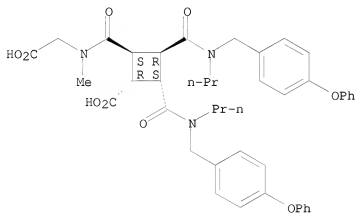
Relative stereochemistry.



RN 169942-67-0 CAPLUS

CN Cyclobutanecarboxylic acid, 2-[[[(carboxymethyl)methylamino]carbonyl]-3,4-bis[[[(4-phenoxyphenyl)methyl]propylamino]carbonyl]-, (1R, 2S, 3R, 4S)-rel- (CA INDEX NAME)

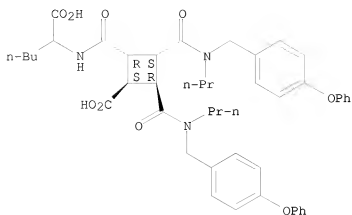
Relative stereochemistry.



RN 185209-33-0 CAPLUS

CN Cyclobutanecarboxylic acid, 2-[[[(1-carboxypentyl)amino]carbonyl]-3,4-bis[[[(4-phenoxyphenyl)methyl]propylamino]carbonyl]-, (1R, 2S, 3R, 4S)-rel- (CA INDEX NAME)

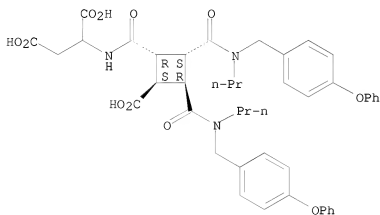
Relative stereochemistry.



RN 185209-34-1 CAPLUS

CN Aspartic acid, N-[[[(1R,2S,3R,4S)-2-carboxy-3,4-bis[[[(4-phenoxyphenyl)methyl]propylamino]carbonyl]cyclobutyl]carbonyl]-, rel- (CA INDEX NAME)

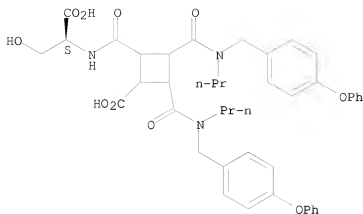
Relative stereochemistry.



RN 185253-92-3 CAPLUS

CN Cyclobutanecarboxylic acid, 2-[[[(1S)-1-carboxy-2-hydroxyethyl]amino]carbonyl]-3,4-bis[[[(4-phenoxyphenyl)methyl]propylamino]carbonyl]- (CA INDEX NAME)

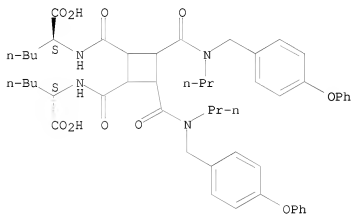
Absolute stereochemistry.



RN 185254-05-1 CAPLUS

CN L-Norleucine, N,N'-[[3,4-bis[[[(4-phenoxyphenyl)methyl]propylamino]carbonyl]-1,2-cyclobutanediyl]dicarbonyl]bis- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 20 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1996:171795 CAPLUS

DOCUMENT NUMBER: 124:232062

ORIGINAL REFERENCE NO.: 124:42983a, 42986a

TITLE: Preparation of amide group-containing cholecystokinin and gastrin receptor antagonists

INVENTOR(S): Kalindjian, Sarkis Barret; Buck, Ildiko Maria; Dunstone, David John; Steel, Katherine Isobel Mary

PATENT ASSIGNEE(S): James Black Foundation Ltd., UK

SOURCE: PCT Int. Appl., 38 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.

KIND DATE

APPLICATION NO.

DATE

WO 9530647	A1	19951116	WO 1995-GB997	19950502
W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT				
RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9523171	A	19951129	AU 1995-23171	19950502
GB 2303369	A	19970219	GB 1996-23674	19950502
GB 2303369	B	19980527		
ZA 9503739	A	19961111	ZA 1995-3739	19950509
US 9539437	A	19990817	US 1996-737317	19961220
PRIORITY APPLN. INFO.:			GB 1994-9150	A 19940509
			WO 1995-GB997	W 19950502

OTHER SOURCE(S): MARPAT 124:232062

IT 174604-06-9P 174604-07-0P 174604-36-5P

174604-37-6P 174604-39-8P 174604-48-9P

174604-49-0P 174604-58-1P 174604-59-2P

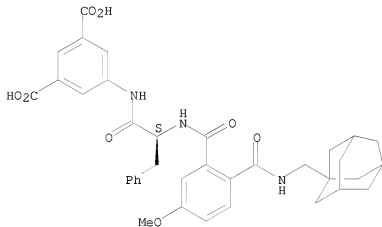
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of amide group-containing cholecystokinin and gastrin receptor antagonists)

RN 174604-06-9 CAPLUS

CN 1,3-Benzenedicarboxylic acid, 5-[[2-[[5-methoxy-2-[[[(tricyclo[3.3.1.1.3,7]dec-1-ylmethyl)amino]carbonyl]benzoyl]amino]-1-oxo-3-phenylpropyl]amino]-, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 174604-07-0 CAPLUS

CN D-Glucitol, 1-deoxy-1-(methylamino)-, (S)-5-[[2-[[5-methoxy-2-[[[(tricyclo[3.3.1.1.3,7]dec-1-ylmethyl)amino]carbonyl]benzoyl]amino]-1-oxo-3-phenylpropyl]amino]-1,3-benzenedicarboxylate (2:1) (salt) (9CI) (CA INDEX NAME)

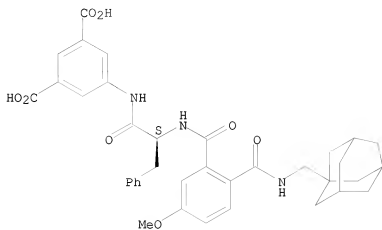
CM 1

CRN 174604-06-9

10/572,349

CMF C37 H39 N3 O8

Absolute stereochemistry.

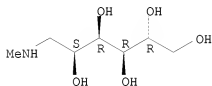


CM 2

CRN 6284-40-8

CMF C7 H17 N O5

Absolute stereochemistry.

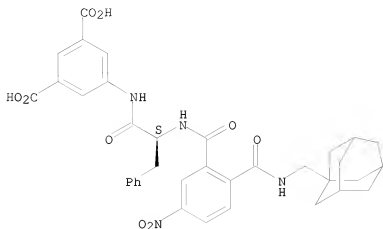


RN 174604-36-5 CAPLUS

CN 1,3-Benzenedicarboxylic acid, 5-[[2-[[5-nitro-2-[[tricyclo[3.3.1.1^{3,7}]dec-1-ylmethyl]amino]carbonyl]benzoyl]amino]-1-oxo-3-phenylpropyl]amino]-, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

10/572,349



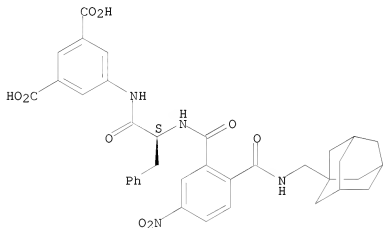
RN 174604-37-6 CAPLUS
 CN D-Glucitol, 1-deoxy-1-(methylamino)-,
 (S)-5-[[2-[[[4-nitro-2-[[[(tricyclo[3.3.1.1^{3,7}]dec-1-ylmethyl)amino]carbonyl]benzoyl]amino]-1-oxo-3-phenylpropyl]amino]-1,3-benzenedicarboxylate (2:1) (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 174604-36-5

CMF C36 H36 N4 O9

Absolute stereochemistry.



CM 2

CRN 6284-40-8

CMF C7 H17 N O5

Absolute stereochemistry.

10/572,349

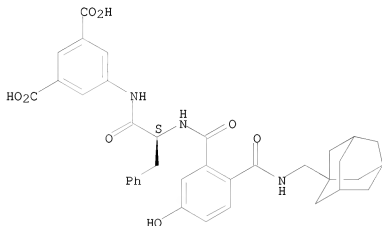
CN D-Glucitol, 1-deoxy-1-(methylamino)-,
(S)-5-[[2-[[5-hydroxy-2-[[[tricyclo[3.3.1.1³,7]dec-1-ylmethyl]amino]carbonyl]benzoyl]amino]-1-oxo-3-phenylpropyl]amino]-1,3-benzenedicarboxylate (2:1) (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 174604-48-9

CMF C36 H37 N3 O8

Absolute stereochemistry.

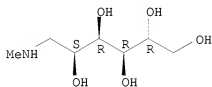


CM 2

CRN 6284-40-8

CMF C7 H17 N O5

Absolute stereochemistry.

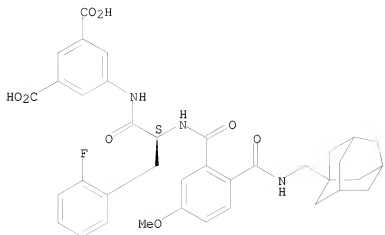


RN 174604-58-1 CAPLUS

CN 1,3-Benzenedicarboxylic acid, 5-[[3-(2-fluorophenyl)-2-[[5-methoxy-2-[[[tricyclo[3.3.1.1³,7]dec-1-ylmethyl]amino]carbonyl]benzoyl]amino]-1-oxopropyl]amino]-, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

10/572,349

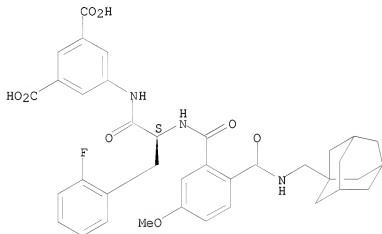


RN 174604-59-2 CAPLUS
 CN D-Glucitol, 1-deoxy-1-(methylamino)-,
 (S)-5-[[[3-(2-fluorophenyl)-2-[[5-methoxy-2-[[[tricyclo[3.3.1.1^{3,7}]dec-1-ylmethylamino]carbonyl]benzoylamino]-1-oxopropylamino]-1,3-benzenedicarboxylate (2:1) (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 174604-58-1
 CMF C37 H38 F N3 O8

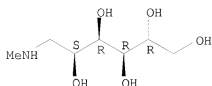
Absolute stereochemistry.



CM 2

CRN 6284-40-8
 CMF C7 H17 N O5

Absolute stereochemistry.



L4 ANSWER 21 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1995:928117 CAPLUS

DOCUMENT NUMBER: 123:340946

ORIGINAL REFERENCE NO.: 123:61219a,61222a

TITLE: Novel amino acid ester and reagent composition for detecting leukocytes or elastase in bodily fluids.

INVENTOR(S): Yagi, Yuji

PATENT ASSIGNEE(S): Kyoto Daiichi Kagaku Co., Ltd., Japan

SOURCE: Eur. Pat. Appl., 19 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 661280	A1	19950705	EP 1994-120650	19941224
R: CH, DE, FR, GB, IT, LI				
JP 07233131	A	19950905	JP 1994-319986	19941222
PRIORITY APPLN. INFO.:			JP 1993-349879	A 19931229
OTHER SOURCE(S):	MARPAT 123:340946			
IT 170487-52-2P				
RL: ARG (Analytical reagent use); SPN (Synthetic preparation); THU (Therapeutic use); ANSI (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)				
(preparation of amino acid esters as reagents for detecting leukocytes and elastase in body fluids)				
RN 170487-52-2 CAPLUS				
CN L-Alanine, N,N',N'',N'''-(1,2,4,5-benzenetetrayltetracarbonyl)tetrakis-, tetrakis[3-(dimethylamino)-5-(1-piperidinyl)phenyl] ester (9CI) (CA INDEX NAME)				

Absolute stereochemistry.

L4 ANSWER 22 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 1995:902590 CAPLUS
 DOCUMENT NUMBER: 123:313433
 ORIGINAL REFERENCE NO.: 123:56175a,56178a
 TITLE: Cyclobutane derivatives as inhibitors of squalene synthetase and protein farnesyltransferase
 INVENTOR(S): Baker, William R.; Rockway, Todd W.; Donner, B. Gregory; Shen, Wang; Rosenberg, Saul H.; Fakhoury, Stephen A.; O'Connor, Stephen J.; Stout, David M.; Fung, Anthony K. L.; et al.
 PATENT ASSIGNEE(S): Abbott Laboratories, USA
 SOURCE: PCT Int. Appl., 223 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9512572	A1	19950511	WO 1994-US12132	19941020
W: CA, JP				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2152822	A1	19950511	CA 1994-2152822	19941020
EP 677039	A1	19951018	EP 1994-931987	19941020
EP 677039	B1	19990310		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
JP 08505646	T	19960618	JP 1994-513255	19941020
AT 177420	T	19990315	AT 1994-931987	19941020
ES 2130452	T3	19990701	ES 1994-931987	19941020
PRIORITY APPLN. INFO.:			US 1993-147708	A 19931104
			US 1994-289711	A 19940909
			WO 1994-US12132	W 19941020

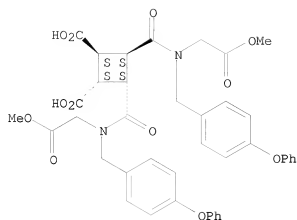
OTHER SOURCE(S): MARPAT 123:313433
 IT 169942-20-5P 169942-63-6P 169942-65-8P
 169942-67-0P 169942-68-1P 169942-69-2P
 169944-08-5P 169944-09-6P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of cyclobutane derivs. as inhibitors of squalene synthetase and protein farnesyltransferase)

RN 169942-20-5 CAPLUS

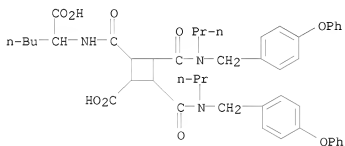
CN 1,2-Cyclobutanedicarboxylic acid, 3,4-bis[[2-methoxy-2-oxoethyl][(4-phenoxyphenyl)methyl]amino]carbonyl]-, (1R,2R,3R,4R)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 169942-63-6 CAPLUS

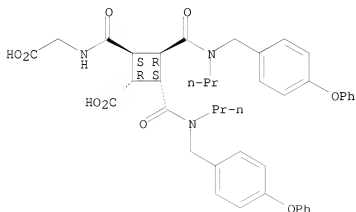
CN Cyclobutanecarboxylic acid, 2-[[[(1-carboxypentyl)amino]carbonyl]-3,4-bis[[[(4-phenoxyphenyl)methyl]propylamino]carbonyl]- (CA INDEX NAME)



RN 169942-65-8 CAPLUS

CN Cyclobutanecarboxylic acid, 2-[[[(carboxymethyl)amino]carbonyl]-3,4-bis[[[(4-phenoxyphenyl)methyl]propylamino]carbonyl]-, (1R,2S,3R,4S)-rel- (CA INDEX NAME)

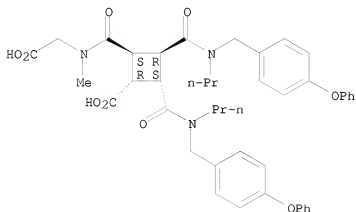
Relative stereochemistry.



RN 169942-67-0 CAPLUS

CN Cyclobutanecarboxylic acid, 2-[[[(carboxymethyl)methylamino]carbonyl]-3,4-bis[[[(4-phenoxyphenyl)methyl]propylamino]carbonyl]-, (1R,2S,3R,4S)-rel- (CA INDEX NAME)

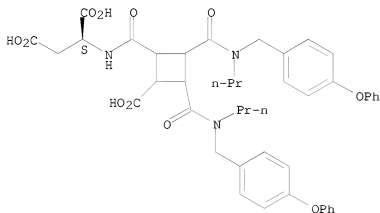
Relative stereochemistry.



RN 169942-68-1 CAPLUS

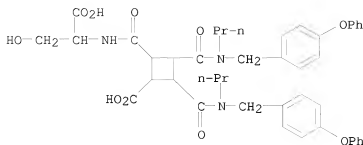
CN L-Aspartic acid, N-[[2-carboxy-3,4-bis[[[(4-phenoxyphenyl)methyl]propylamino]carbonyl]cyclobutyl]carbonyl]- (CA INDEX NAME)

Absolute stereochemistry.



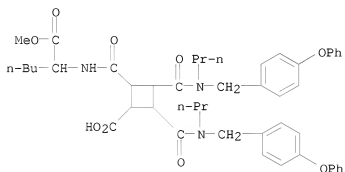
RN 169942-69-2 CAPLUS

CN Cyclobutanecarboxylic acid, 2-[[[(1-carboxy-2-hydroxyethyl)amino]carbonyl]-3,4-bis[[[(4-phenoxyphenyl)methyl]propylamino]carbonyl]- (CA INDEX NAME)



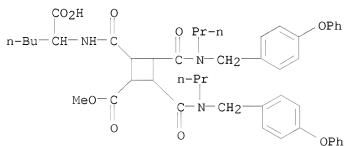
RN 169944-08-5 CAPLUS

CN Cyclobutanecarboxylic acid, 2-[[[1-(methoxycarbonyl)pentylamino]carbonyl]-3,4-bis[[[4-phenoxyphenyl)methyl]propylamino]carbonyl]- (CA INDEX NAME)



RN 169944-09-6 CAPLUS

CN Cyclobutanecarboxylic acid, 2-[[[1-(carboxypentyl)amino]carbonyl]-3,4-bis[[[4-phenoxyphenyl)methyl]propylamino]carbonyl]-, 1-methyl ester (CA INDEX NAME)



L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1994:680369 CAPLUS

DOCUMENT NUMBER: 121:280369

ORIGINAL REFERENCE NO.: 121:51183a, 51186a

TITLE: Bicyclooctane- and bicycloheptane-derivative gastrin and/or cholecystokinin receptor antagonists

INVENTOR(S): Kalindjian, Sarkis Barret; Low, Caroline Minli Rachel; Pether, Michael John; Davies, Jonathan Michael Richar; Dunstone, David John; McDonald, Iain Mair

PATENT ASSIGNEE(S): James Black Foundation Ltd., UK
 SOURCE: PCT Int. Appl., 80 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9400421	A1	19940106	WO 1993-GB1301	19930618
W:	AT, AU, BB, BG, BR, BY, CA, CH, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US, VN			
RW:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
GB 2268739	A	19940119	GB 1992-13094	19920619
AU 9343489	A	19940124	AU 1993-43489	19930618
EP 655053	A1	19950531	EP 1993-913402	19930618
EP 655053	B1	19970903		
R:	DE, ES, FR, GB, IT			
US 5674905	A	19971007	US 1994-351320	19941219
PRIORITY APPLN. INFO.:			GB 1992-13094	A 19920619
			GB 1992-26549	A 19921221
			WO 1993-GB1301	A 19930618

OTHER SOURCE(S): MARPAT 121:280369

IT 154741-86-3 154803-60-8

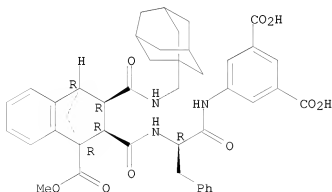
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)

(preparation as gastrin and/or cholecystokinin receptor antagonist)

RN 154741-86-3 CAPLUS

CN 1,3-Benzenedicarboxylic acid, 5-[[[(2R)-1-oxo-3-phenyl-2-[[[(1R,2R,3R,4R)-1,2,3,4-tetrahydro-1-(methoxycarbonyl)-3-[[[(tricyclo[3.3.1.1.3,7]dec-1-ylmethylamino]carbonyl]-1,4-methanonaphthalen-2-yl]carbonyl]amino]propyl]amino]-, rel- (CA INDEX NAME)

Relative stereochemistry.



RN 154803-60-8 CAPLUS

CN D-Glucitol, 1-deoxy-1-(methylamino)-, [1a,2a(S*),3a,4β]-3-[[[1-oxo-3-phenyl-2-[[[(1,2,3,4-tetrahydro-1-(methoxycarbonyl)-3-[[[(tricyclo[3.3.1.1.3,7]dec-1-ylmethylamino]carbonyl]-1,4-methanonaphthalen-2-yl]carbonyl]amino]propyl]amino]-1,3-benzenedicarboxylate (2:1) (salt)

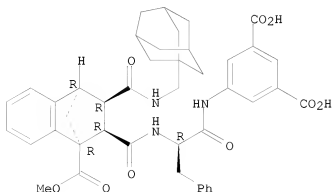
(9CI) (CA INDEX NAME)

CM 1

CRN 154741-86-3

CMF C43 H45 N3 O9

Relative stereochemistry.

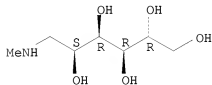


CM 2

CRN 6284-40-8

CMF C7 H17 N O5

Absolute stereochemistry.



L4 ANSWER 24 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1994:244394 CAPLUS

DOCUMENT NUMBER: 120:244394

ORIGINAL REFERENCE NO.: 120:43301a, 43304a

TITLE: Dibenzo-fused derivatives of bicyclo[2.2.2]octane as cholecystokinin inhibitors

INVENTOR(S): Kalindjian, Sarkis Barret; Low, Caroline Minli Rachel; McDonald, Iain Mair; Hull, Robert Antony David; Shankley, Nigel Paul; Buck, Ildiko Maria; Steel, Katherine Isobel Mary; Davies, Jonathan Michael; Richar; Dunstone, David John; et al.

PATENT ASSIGNEE(S): James Black Foundation Ltd., UK

SOURCE: PCT Int. Appl., 159 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

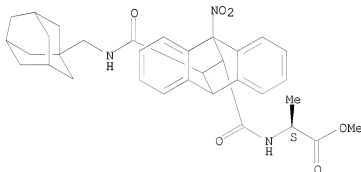
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9316982	A1	19930902	WO 1993-GB346	19930219
W: AT, AU, BB, BG, BR, CA, CH, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, SN, TD, TG				
AU 9335097	A	19930913	AU 1993-35097	19930219
ZA 9301193	A	19940819	ZA 1993-1193	19930219
EP 626942	A1	19941207	EP 1993-904230	19930219
EP 626942	B1	19970423		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
JP 07504184	T	19950511	JP 1993-514633	19930219
HU 71499	A2	19951128	HU 1994-2280	19930219
AT 152095	T	19970515	AT 1993-904230	19930219
US 5514683	A	19960507	US 1994-288185	19940809
NO 9403055	A	19941011	NO 1994-3055	19940818
FI 9403817	A	19940819	FI 1994-3817	19940819
PRIORITY APPLN. INFO.:			GB 1992-3608	A 19920220
			GB 1992-13093	A 19920619
			GB 1992-24629	A 19921124
			WO 1993-GB346	A 19930219
			GB 1993-16722	A 19930812
OTHER SOURCE(S):	MARPAT 120:244394			
IT 153459-42-8P				
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of, as CCK and gastrin antagonist)				
RN 153459-42-8 CAPLUS				
CN L-Alanine, N-[[[9,10-dihydro-10-nitro-12-[[[(tricyclo[3.3.1.1.3,7]dec-1-ylmethyl)amino]carbonyl]-9,10-ethanoanthracen-11-yl]carbonyl]-, methyl ester (CA INDEX NAME)				

Absolute stereochemistry.



L4 ANSWER 25 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1993:560771 CAPLUS

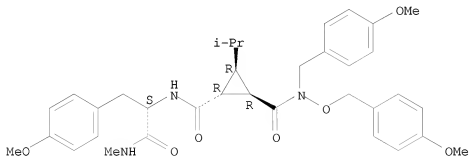
DOCUMENT NUMBER: 119:160771

ORIGINAL REFERENCE NO.: 119:28841a,28844a

TITLE: Cyclopropanes as conformationally restricted peptide isosteres. Design and synthesis of novel collagenase

inhibitors
 AUTHOR(S): Martin, Stephen F.; Oalmann, Christopher J.; Liras, Spiros
 CORPORATE SOURCE: Dep. Chem. Biochem., Univ. Texas, Austin, TX, 78712, USA
 SOURCE: Tetrahedron (1993), 49(17), 3521-32
 CODEN: TETRAB; ISSN: 0040-4020
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 149859-26-7P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation and acidic deblocking of)
 RN 149859-26-7 CAPLUS
 CN 1,2-Cyclopropanedicarboxamide, N-[(4-methoxyphenyl)methoxy]-N-[(4-methoxyphenyl)methyl]-N'-[1-[(4-methoxyphenyl)methyl]-2-(methylamino)-2-oxoethyl]-3-(1-methylethyl)-, [1R-[1 α ,2 β (S*),3 α]]- (9CI)
 (CA INDEX NAME)

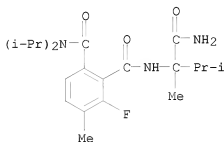
Absolute stereochemistry.



L4 ANSWER 26 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 1986:143980 CAPLUS
 DOCUMENT NUMBER: 104:143980
 ORIGINAL REFERENCE NO.: 104:22667a, 22670a
 TITLE: Herbicidal imidazolylbenzoic acids
 INVENTOR(S): Los, Marinus
 PATENT ASSIGNEE(S): American Cyanamid Co., USA
 SOURCE: U.S., 27 pp. Cont.-in-part of U.S. Ser. No. 519,616, abandoned.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4554013	A	19851119	US 1984-631283	19840716
CA 1236107	A1	19880503	CA 1984-460061	19840731
DK 8403739	A	19850203	DK 1984-3739	19840801
AU 8431389	A	19850207	AU 1984-31389	19840801
AU 570991	B2	19880331		
ZA 8405960	A	19850327	ZA 1984-5960	19840801
HU 35152	A2	19850628	HU 1984-2936	19840801
BR 8403841	A	19850709	BR 1984-3841	19840801

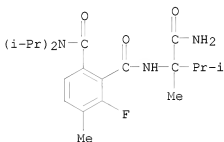
JP 60056962 A 19850402 JP 1984-163446 19840802
 IL 72602 A 19880429 IL 1984-72602 19840806
 PRIORITY APPLN. INFO.: US 1983-519616 A2 19830802
 OTHER SOURCE(S): CASREACT 104:143980
 IT 97712-42-0P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation and reaction with aminodimethylbutylamide)
 RN 97712-42-0 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-[1-(aminocarbonyl)-1,2-dimethylpropyl]-3-
 fluoro-4-methyl-N1,N1-bis(1-methylethyl)- (CA INDEX NAME)



L4 ANSWER 27 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 1986:50872 CAPLUS
 DOCUMENT NUMBER: 104:50872
 ORIGINAL REFERENCE NO.: 104:8217a,8220a
 TITLE: Imidazolidinones and imidazolidinethiones, process and
 intermediates for their preparation and their use as
 herbicidal agents
 INVENTOR(S): Los, Marinus
 PATENT ASSIGNEE(S): American Cyanamid Co., USA
 SOURCE: Eur. Pat. Appl., 278 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 133310	A1	19850220	EP 1984-108924	19840727
EP 133310	B1	19880914		
R: AT, BE, CH, DE, FR, GB, IT, LI, NL, SE				
US 4608079	A	19860826	US 1984-616741	19840604
AT 37182	T	19880915	AT 1984-108924	19840727
CA 1256439	A1	19890627	CA 1984-460060	19840731
DK 8403740	A	19850203	DK 1984-3740	19840801
AU 8431391	A	19850207	AU 1984-31391	19840801
AU 575061	B2	19880721		
ZA 8405961	A	19850327	ZA 1984-5961	19840801
BR 8403839	A	19850709	BR 1984-3839	19840801
JP 60105665	A	19850611	JP 1984-163445	19840802
JP 06055727	B	19940727		
HU 36995	A2	19851128	HU 1984-2947	19840802
HU 196893	B	19890228		

IL 72597 A 19880429 IL 1984-72597 19840806
 PRIORITY APPLN. INFO.: US 1983-519613 A 19830802
 EP 1984-108924 A 19840727
 OTHER SOURCE(S): CASREACT 104:50872; MARPAT 104:50872
 IT 97712-42-0P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation and cyclization of, imidazolidine by)
 RN 97712-42-0 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-[1-(aminocarbonyl)-1,2-dimethylpropyl]-3-
 fluoro-4-methyl-N1,N1-bis(1-methylethyl)- (CA INDEX NAME)



L4 ANSWER 28 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 1985:541949 CAPLUS
 DOCUMENT NUMBER: 103:141949
 ORIGINAL REFERENCE NO.: 103:22735a,22738a
 TITLE: Substituted imidazolinylbenzoic acids, esters, and
 salts and their use as herbicidal agents
 INVENTOR(S): Los, Marinus
 PATENT ASSIGNEE(S): American Cyanamid Co. , USA
 SOURCE: Eur. Pat. Appl., 90 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

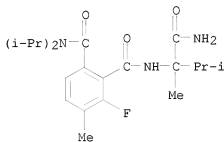
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 133311	A2	19850220	EP 1984-108927	19840727
EP 133311	A3	19871223		
R: AT, BE, CH, DE, FR, GB, IT, LI, NL, SE				
CA 1236107	A1	19880503	CA 1984-460061	19840731
DK 8403739	A	19850203	DK 1984-3739	19840801
AU 8431389	A	19850207	AU 1984-31389	19840801
AU 570991	B2	19880331		
ZA 8405960	A	19850327	ZA 1984-5960	19840801
HU 35152	A2	19850628	HU 1984-2936	19840801
BR 8403841	A	19850709	BR 1984-3841	19840801
JP 60056962	A	19850402	JP 1984-163446	19840802
IL 72602	A	19880429	IL 1984-72602	19840806
PRIORITY APPLN. INFO.:			US 1983-519616	A 19830802
OTHER SOURCE(S):	MARPAT 103:141949			
IT 97712-42-0P				
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT				

(Reactant or reagent)

(preparation and cyclization of, imidazoline by)

RN 97712-42-0 CAPLUS

CN 1,2-Benzenedicarboxamide, N2-[1-(aminocarbonyl)-1,2-dimethylpropyl]-3-fluoro-4-methyl-N1,N1-bis(1-methylethyl)- (CA INDEX NAME)



L4 ANSWER 29 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1981:442588 CAPLUS

DOCUMENT NUMBER: 95:42588

ORIGINAL REFERENCE NO.: 95:7281a,7284a

TITLE: Tetramethyl pyromellitoyletetrarglycinat

AUTHOR(S): Zhilina, Z. I.; Bogatskii, A. V.; Krasnoshchekaya, S. P.

CORPORATE SOURCE: Odessa, USSR

SOURCE: Khimicheskaya Promyshlennost, Seriya: Reaktivy i

Osobo Chistye Veshchestva (1980), (6), 46-7

CODEN: KSRVDF

DOCUMENT TYPE: Journal

LANGUAGE: Russian

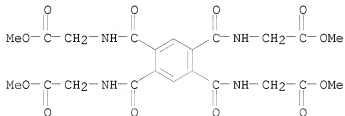
IT 78237-77-1P

RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation of)

RN 78237-77-1 CAPLUS

CN Glycine, N,N',N'',N'''-(1,2,4,5-benzenetetrayltetracarbonyl)tetrakis-, tetramethyl ester (9CI) (CA INDEX NAME)



=> d cost

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.42	2.97
0.06	0.48
0.00	177.90

CONNECT CHARGES

NETWORK CHARGES

SEARCH CHARGES

10/572,349

DISPLAY CHARGES	108.75	108.75
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FULL ESTIMATED COST	109.23	290.10

IN FILE 'CAPLUS' AT 14:09:56 ON 06 NOV 2008

=> d his

(FILE 'HOME' ENTERED AT 13:44:41 ON 06 NOV 2008)

L1 FILE 'REGISTRY' ENTERED AT 13:44:58 ON 06 NOV 2008
STRUCTURE UPLOADED

L2 4 S L1 SSS SAM

L3 FILE 'REGISTRY' ENTERED AT 14:08:38 ON 06 NOV 2008
69 S L1 SSS FULL

L4 FILE 'CAPLUS' ENTERED AT 14:09:11 ON 06 NOV 2008
29 S L3

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